

SEQUENCE LISTING

<110> Niles, Edward

<120> Novel Inhibitors of Poxvirus Replication

<130> 11520.0333

<140>

<141> 2004-01-02

<150> US/60/437,945

<151> 2003-01-02

<160> 20

<210> 1

<211> 7

<212> RNA

<213> Artificial Sequence

<220>

<221> unsure

<222> 6

<223> n is g,a,u or c

<400> 1

uuuuunu 7

<210> 2

<211> 7

<212> DNA

<213> artificial sequence

<220>

<223>

<400> 2

ttttttt 7

<210> 3

<211> 22

<212> RNA

<213> artificial sequence

<220>

<221> unsure

niles non-provisional.txt

<222> 14

<223> n is g,a,u or c

<400> 3

gggccggcguu uuunuuugcg uu 22

<210> 4

<211> 22

<212> RNA

<213> artificial sequence

<220>

<223>

<400> 4

gggccggcaa uuauuaugcg uu 22

<210> 5

<211> 36

<212> RNA

<213> artificial sequence

<220>

<221> unsure

<222> 23

<223> n is g,a,u or c

<400> 5

gggcgaauug ggccggcguu uuunuuugcgu ugaauu 36

<210> 6

<211> 36

<212> RNA

<213> artificial sequence

<220>

<221>

<222>

<223> uracils at 8,9,18-26, 30, 31, 35 and 36 are brominated

<400> 6

gggcgaauug ggccggcguu uuuuuugcgu ugaauu 36

<210> 7

<211> 27

niles non-provisional.txt

<212> DNA

<213> artificial sequence

<220>

<223>

<400> 7

aattgggccg gctttttttt tgcgttg 27

<210> 8

<211> 22

<212> DNA

<213> artificial sequence

<220>

<221>

<222>

<223> 9-17 is deoxyuracil

<400> 8

gggccggcuu uuuuuuugcg uu 22

<210> 9

<211> 22

<212> RNA

<213> artificial sequence

<220>

<221>

<222>

<223> 19-17 is brominated deoxyuracil

<400> 9

gggccggcuu uuuuuuugcg uu 22

<210> 10

<211> 22

<212> DNA

<213> artificial sequence

<220>

<221>

<222>

<223> T5NT

<400> 10

niles non-provisional.txt
gggccggcctt tttttttgcg uu 22

<210> 11
<211> 22
<212> DNA
<213> artificial sequence

<220>
<221>
<222>
<223> mutant T5NT

<400> 11
gggccggcaa ttattatgcg tt 22

<210> 12
<211> 17
<212> RNA
<213> artificial sequence

<220>
<221> unsure
<222> 10
<223> n is a,g,u or c

<400> 12
cggcuuuuun uuugcgu 17

<210> 13
<211> 13
<212> RNA
<213> artificial sequence

<220>
<221> unsure
<222> 8
<223> n is a,g, u or c

<400> 13
gcuuuuunuu ugc 13

<210> 14
<211> 9
<212> RNA
<213> artificial sequence

niles non-provisional.txt

<220>

<221> unsure

<222> 7

<223> n is a,g,u or c

<400> 14

uuuuuuuuu 9

<210> 15

<211> 7

<212> RNA

<213> artificial sequence

<220>

<221> unsure

<222> 6

<223> n is a,g,u or c

<400> 15

uuuuunu 7

<210> 16

<211> 7

<212> RNA

<213> artificial sequence

<220>

<221>

<222>

<223> mutant 7-mer

<400> 16

uuuuuau 7

<210> 17

<211> 22

<212> DNA

<213> artificial sequence

<220>

<221> unsure

<222> 14

<223> n is g,a,u or c; 1-8 and 18-22 are DNA

<400> 17

gggccggcuu uuunuuugcg uu 22

niles non-provisional.txt

<210> 18
<211> 22
<212> RNA
<213> artificial sequence

<220>
<221> unsure
<222> 14
<223> n is g,a,u or c; 1-8 and 18-22 are 2'O methylated; 1-8 and 17-22
have phoshporthiol bonds

<400> 18
gggccggcuu uuunuuugcg uu 22

<210> 19
<211> 22
<212> DNA
<213> artificial sequence

<220>
<221> unsure
<222> 14
<223> n is g,a,u or c; 1-8 and 18-22 are phosphorthiols; 9-17 are RNA

<400> 19
gggccggcuu uuunuuugcg uu 22

<210> 20
<211> 7
<212> RNA
<213> artificial sequence

<220>
<223>

<400> 20
uuuuauu 7